

FIG. 1A

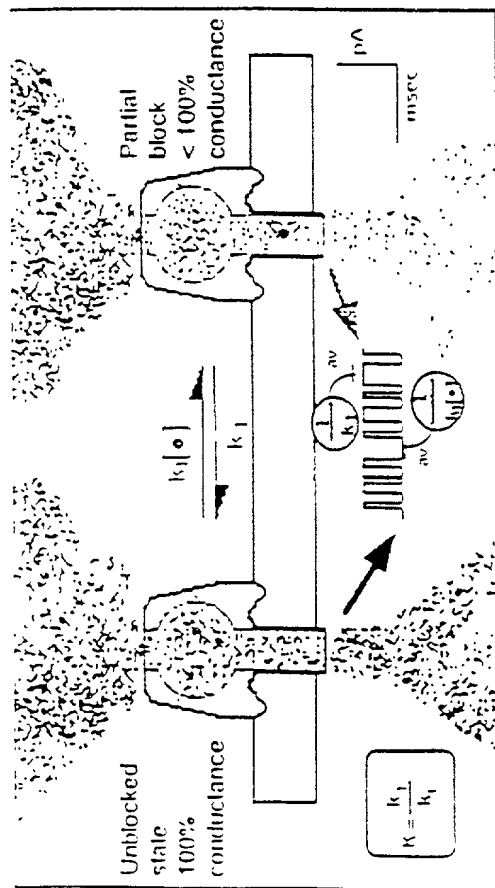


FIG. 1B₁₀

Results

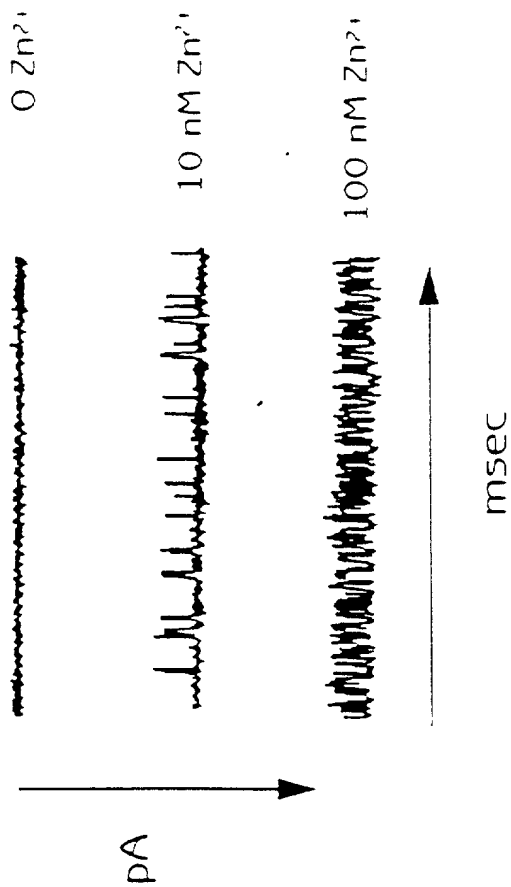


FIG. 1C

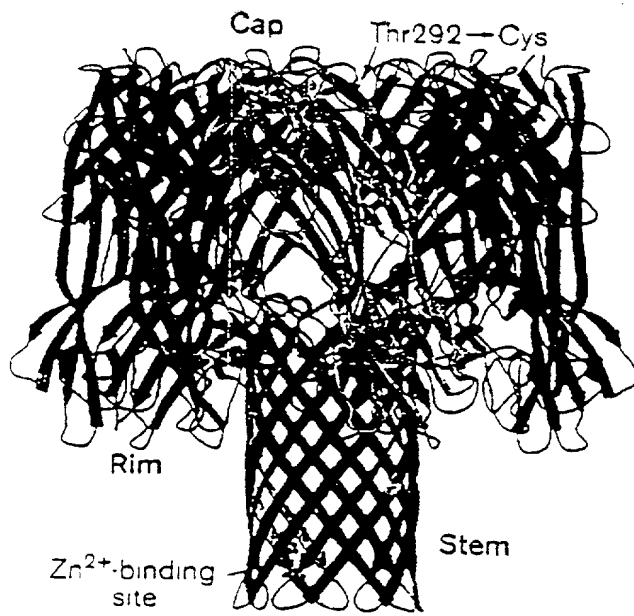


FIG. 1D

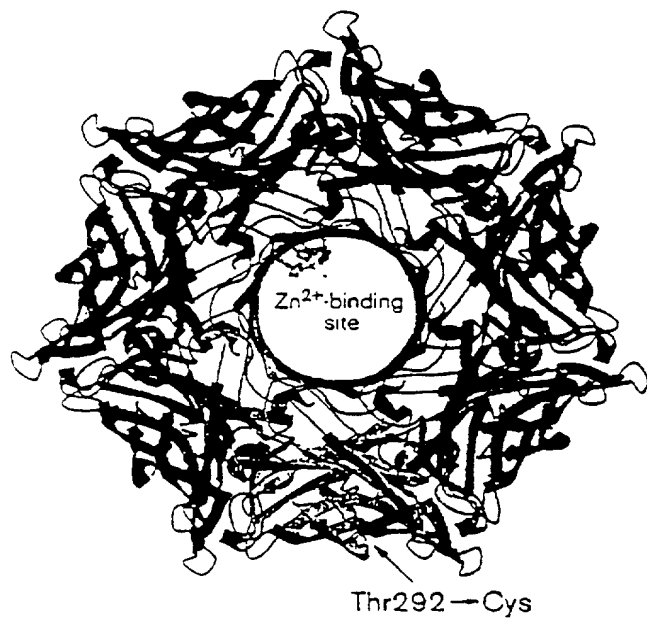


FIG. 1E

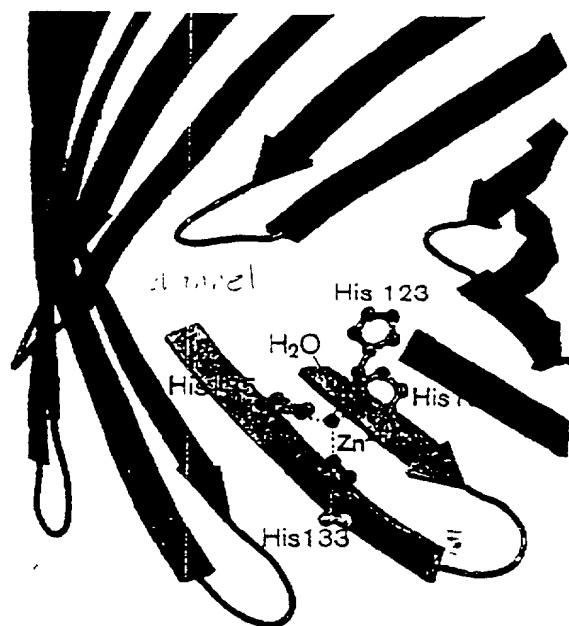


FIG. 1F

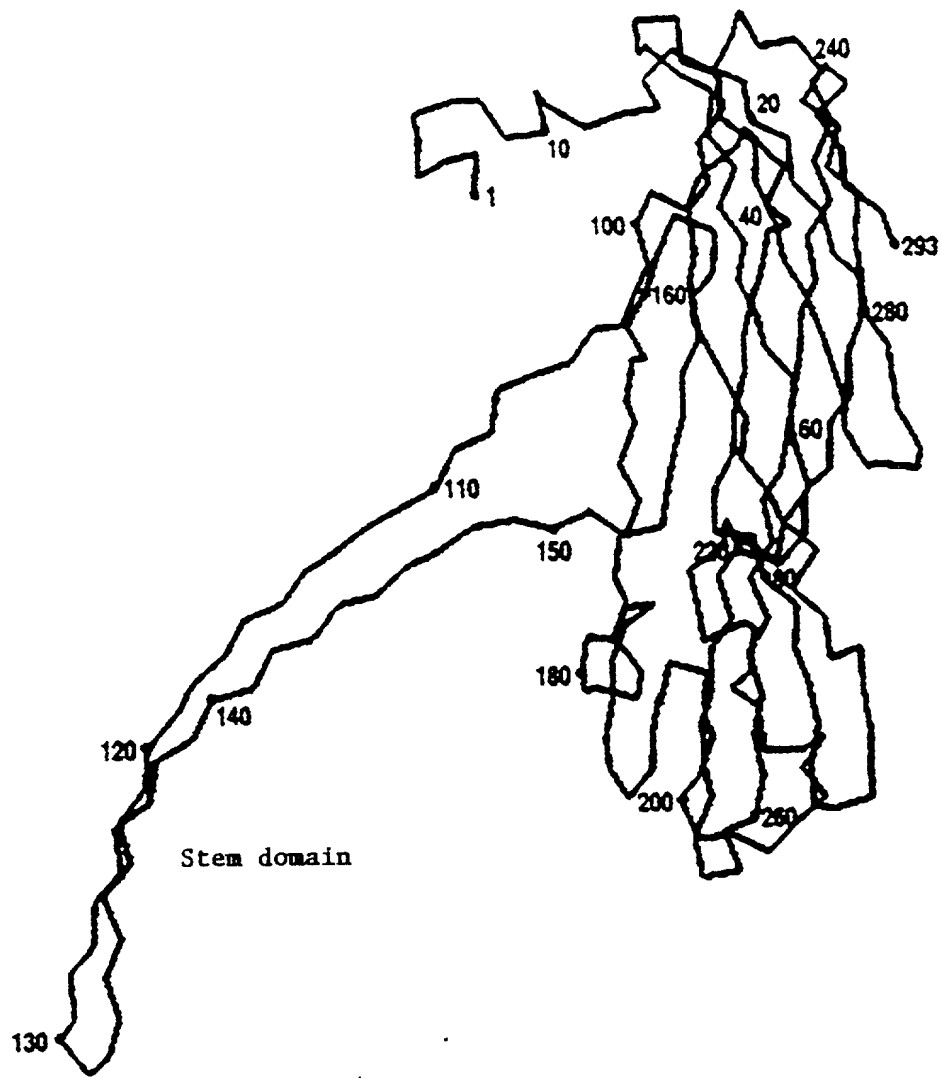


FIG. 2A









	Possible permutations	Percent occurrence at mixing ratio of:		
		5:1	1:1	1:5
WT ₁		27.9	0.78	0.0003
WT ₂ MUT ₁		39.1	5.47	0.013
WT ₃ MUT ₂		23.4	15.4	0.19
WT ₄ MUT ₃		7.81	27.3	1.56
WT ₅ MUT ₄		1.58	27.3	7.81
WT ₆ MUT ₅		0.19	16.4	23.4
WT ₇ MUT ₆		0.013	5.47	39.1
MUT ₇		0.0003	0.78	27.9

FIG. 2B

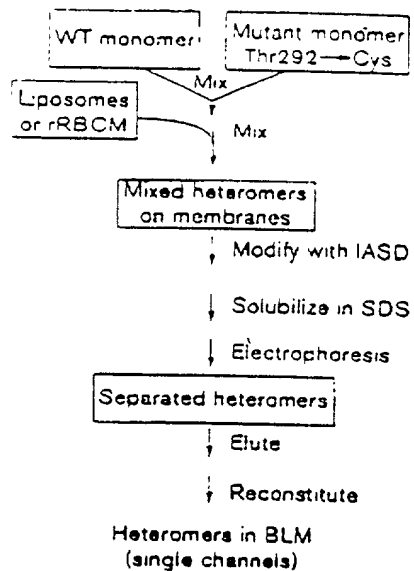


FIG. 2C

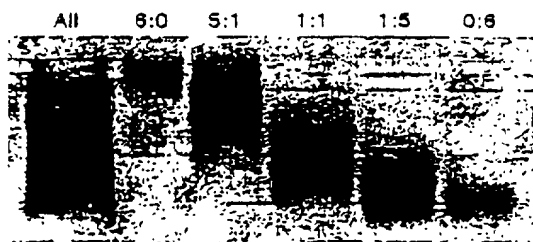


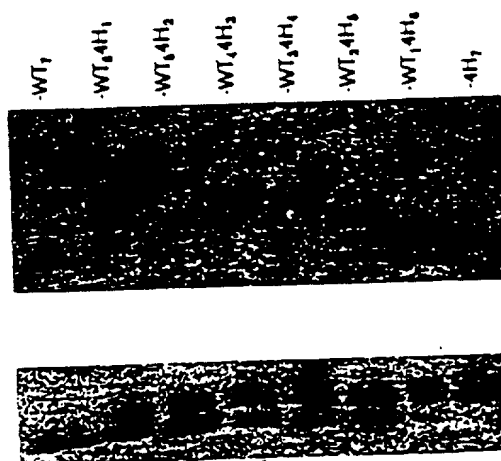
FIG. 3A



FIG. 3B



FIG. 3C



Expected ratio	6.0	2.5	1.33	0.75	0.4	0.17	
Measured ratio	6.2	2.45	1.12	0.61	0.29	0.14	
Standard deviation (n=8)	1.89	0.25	0.41	0.19	0.12	0.07	

FIG. 4A

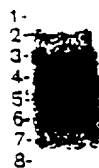


FIG. 4B

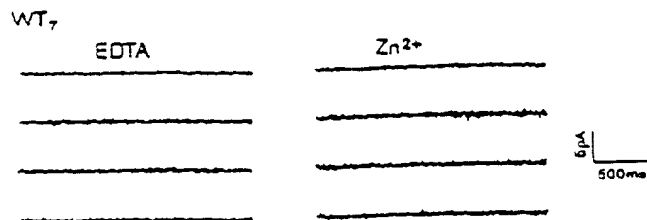


FIG. 4C

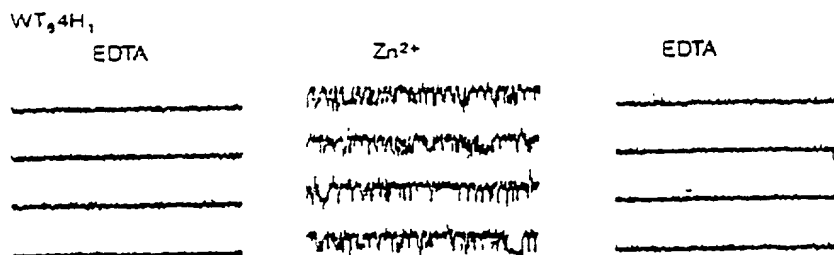


FIG. 4D

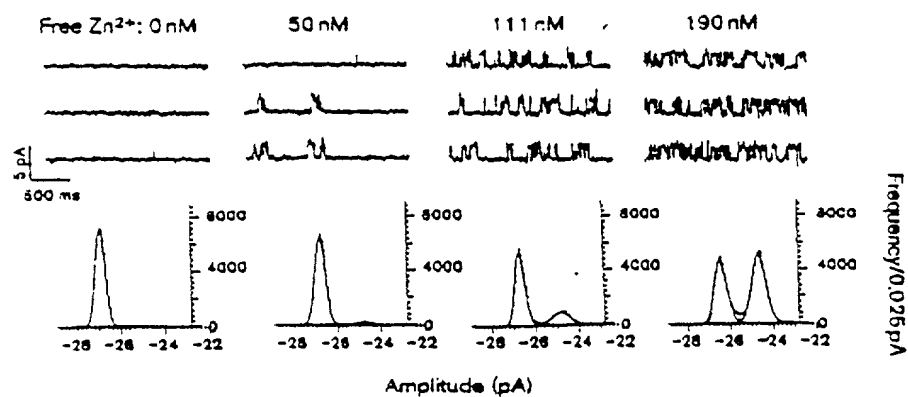


FIG. 5A

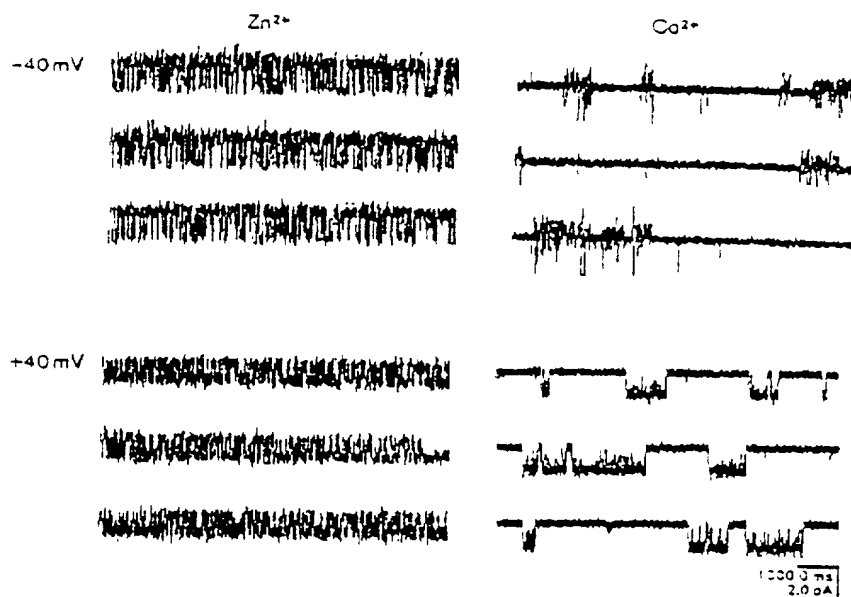


FIG. 5B

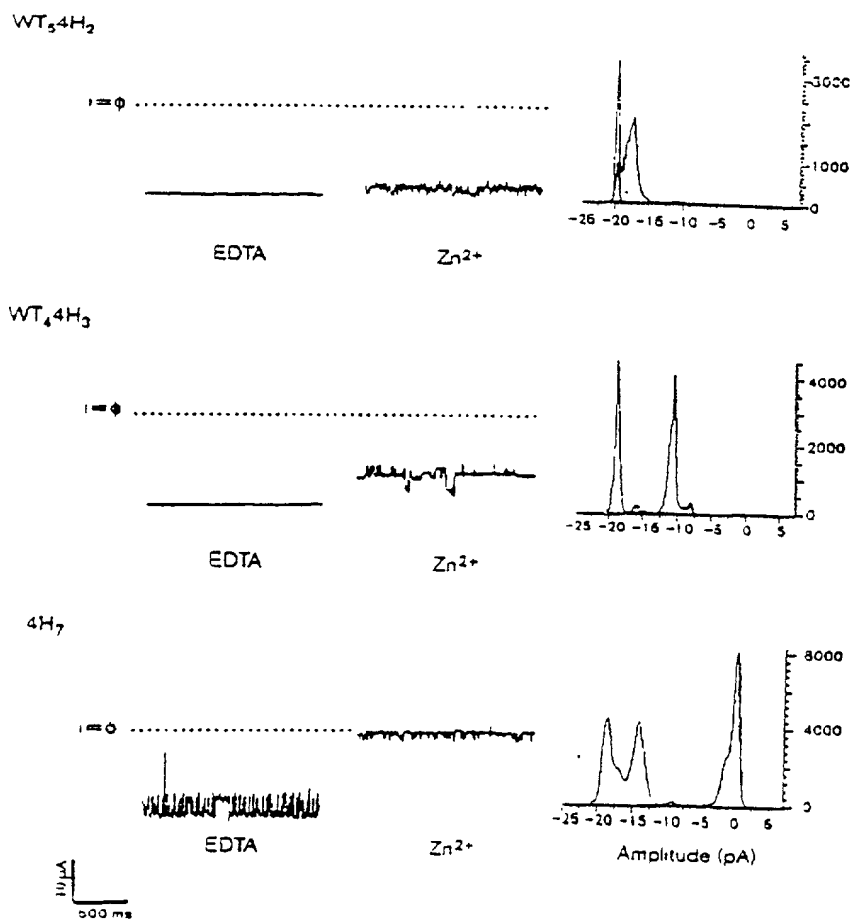


FIG. 6A

03 05 43 46 50

03 05 43 46 50

-20

IN
(pA)

15



Time (ms)

expanded

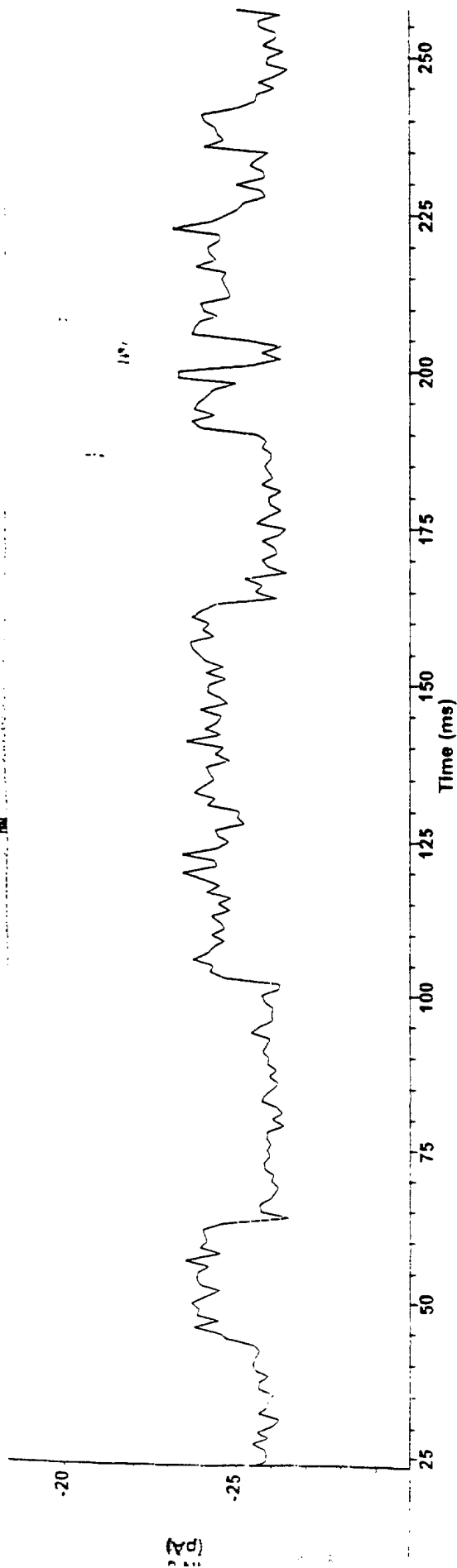
in

Fig 6B

-40mV

150 in Zn(II)

FIG. 6B



-40mV
150mV 2u(4)

FIG. 7A

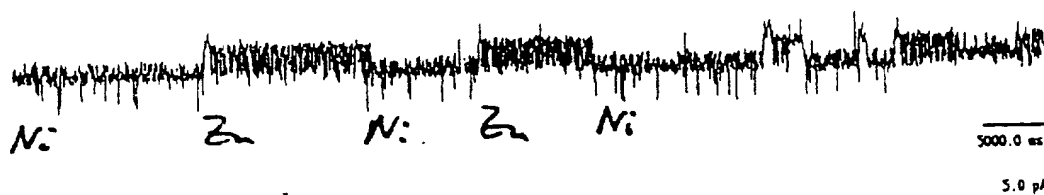
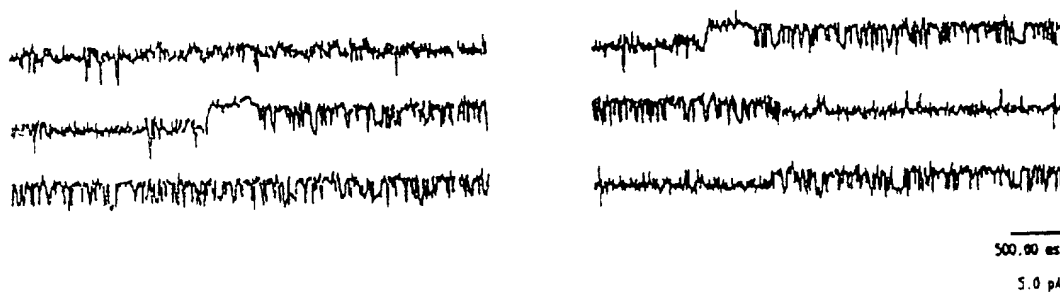


FIG. 7B



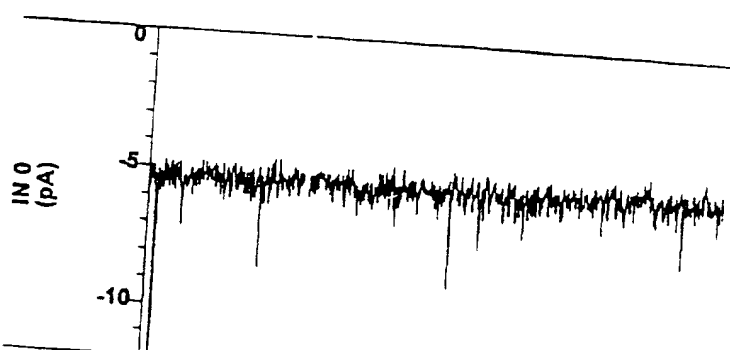
WT₆ 4H₁

-40 mV

40 + 40 nM

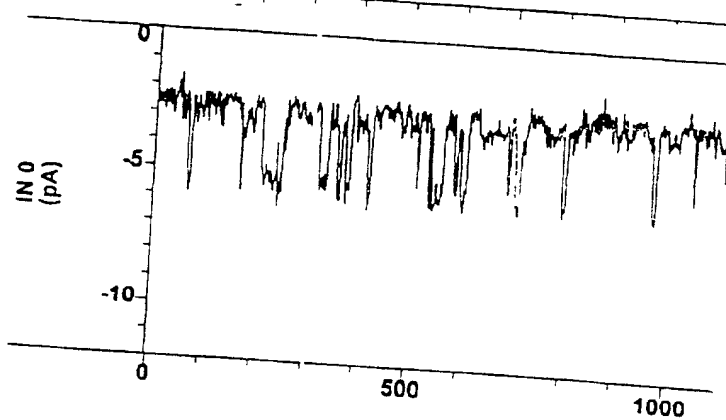
REF ID: A66463

FIG. 8A



10
TNT

FIG. 8B



1 μ M
TNT

msec

\approx
 $\sim 0.25 \mu m$